

REMARKS

Claims 23-65 are pending. Claims 1-22 are cancelled without prejudice. Claims 23-33 are rejected under 35 U.S.C. 103(a). Claims 34-65 are rejected under the judicially created doctrine of obviousness-type double patenting over claims 6-13 of U.S. Patent No. 6,643,338. Claim 23 is objected to for informalities. These informalities were corrected in the previous amendment dated October 7, 2003. The entire amendment of October 7, 2003, is included with the instant amendment.

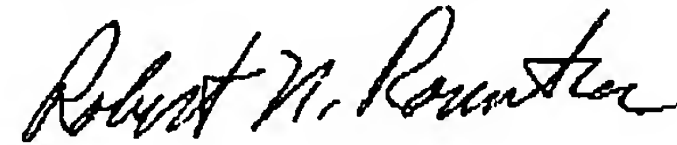
Claims 23-33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alamouti et al. (U.S. Pat. No. 6,775,329) in view of applicant's admitted prior art (AAPA). Independent claim 23 is currently amended to recite "a mobile antenna arranged to receive a plurality of signals from multiple signal paths from each of plural remote antennas of an external source, **the plurality of signals including a first signal transmitted at a first time and a conjugate of a second signal transmitted at the first time.**" (emphasis added). These features of the present invention are not disclosed by Alamouti et al. or AAPA, taken alone or in combination. Thus, claim 23, as amended, and depending claims 24-33 are patentable under 35 U.S.C. 103(a).

Claims 34-65 are rejected under the judicially created doctrine of obviousness-type double patenting over claims 6-13 of U.S. Patent No. 6,643,338. A terminal disclaimer is enclosed to overcome the obviousness-type double patenting rejection.

Claims 34-65 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting over claims 26-45 of copending U.S. Patent Application No. 10/601,866. Applicant respectfully defers further comment on this issue pending a decision on allowance U.S. Patent Application No. 10/601,866 or the instant application.

In view of the foregoing, applicant respectfully requests reconsideration and allowance of claims 23-65. If the Examiner finds any issue that is unresolved, please call applicant's attorney by dialing the telephone number printed below.

Respectfully submitted,



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